

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008842.D
 Acq On : 19 May 2022 02:58
 Operator : KP/MD
 Sample : N2869-15
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-2430-01

Quant Time: May 19 03:58:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

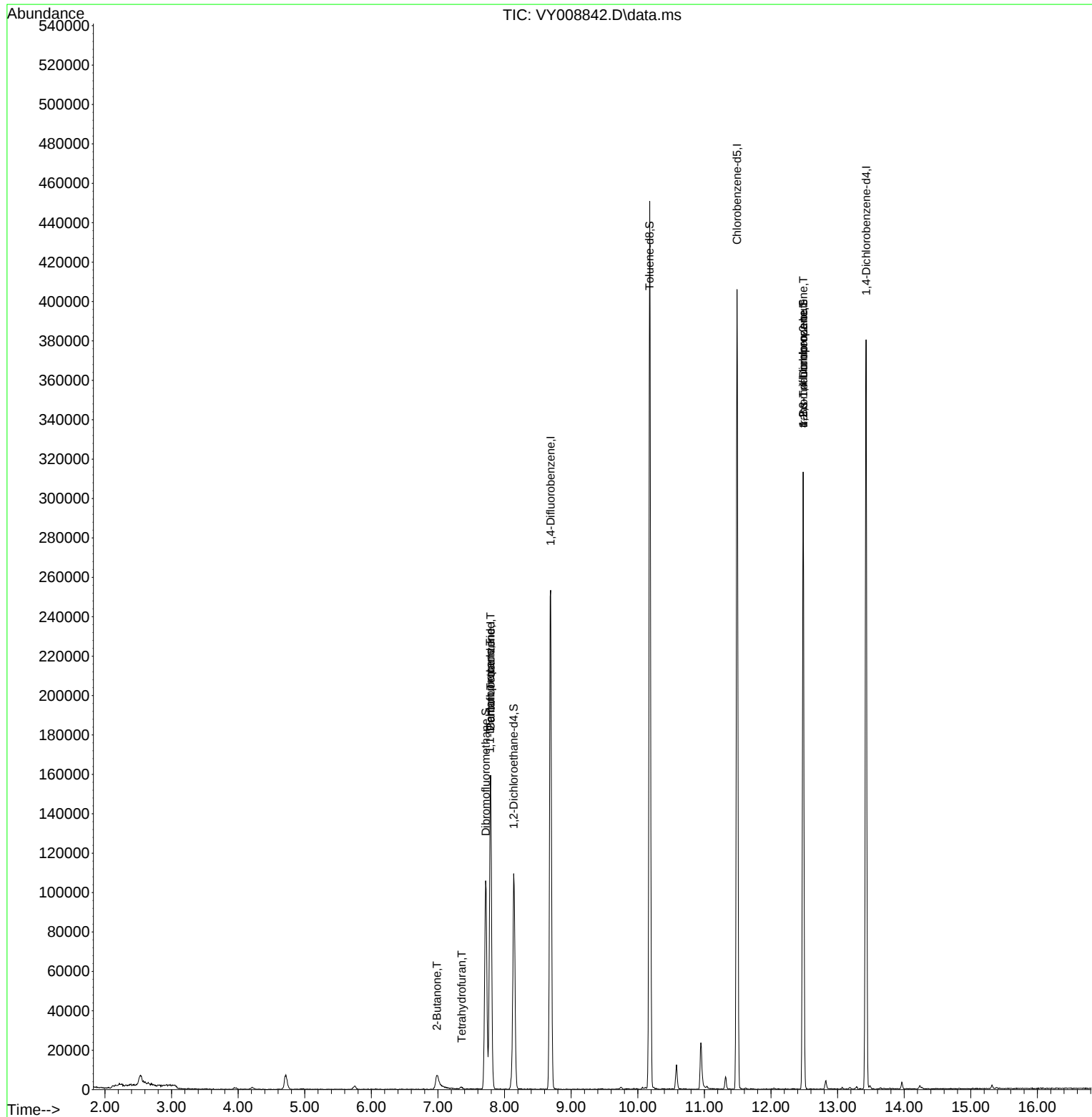
Internal Standards						
1) Pentafluorobenzene	7.789	168	120832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	77482	69.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.240%	
35) Dibromofluoromethane	7.716	113	71643	56.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.140%	
50) Toluene-d8	10.179	98	275470	48.599	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	12.483	95	81795	41.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	141	Below Cal	#	44
4) Vinyl Chloride	2.235	62	45	Below Cal	#	43
5) Bromomethane	2.656	94	132	Below Cal	#	26
6) Chloroethane	2.851	64	23	Below Cal	#	43
16) Acetone	3.936	43	1029	Below Cal		98
18) Methyl Acetate	4.204	43	512	Below Cal	#	56
20) Methylene Chloride	4.716	84	5146	Below Cal		86
25) 2-Butanone	6.984	43	642	1.365 ug/l	#	54
29) Tetrahydrofuran	7.356	42	708	2.259 ug/l	#	88
31) Cyclohexane	7.789	56	2973	Below Cal	#	18
36) 1,1-Dichloropropene	7.783	75	10759	5.258 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	12018	5.480 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	46487	44.037 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46487	96.321 ug/l	#	7

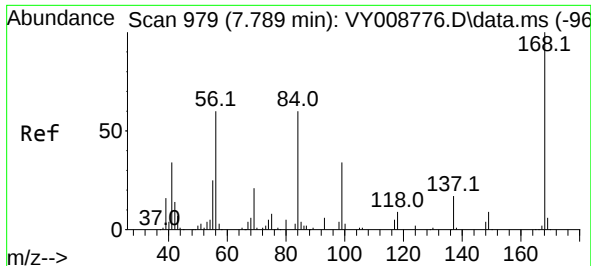
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P031-SS001-2430-01

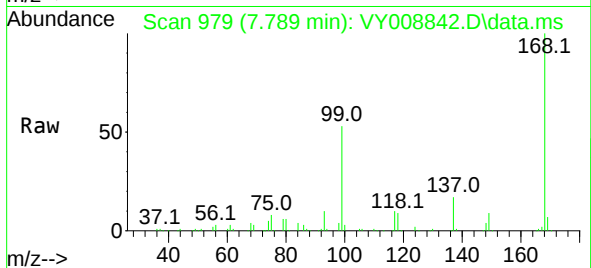
Quant Time: May 19 03:58:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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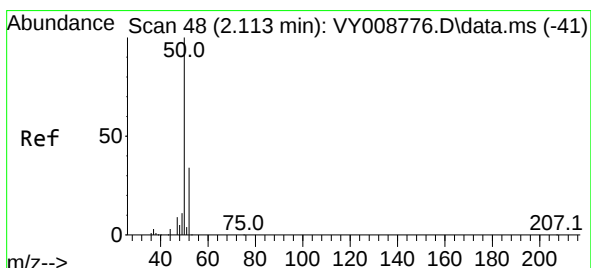
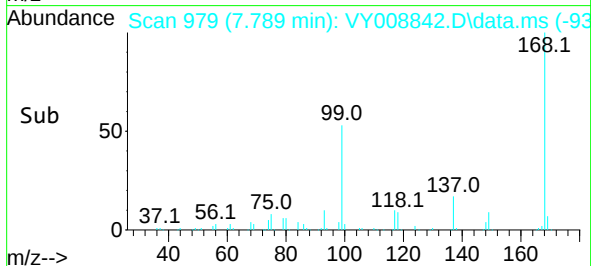
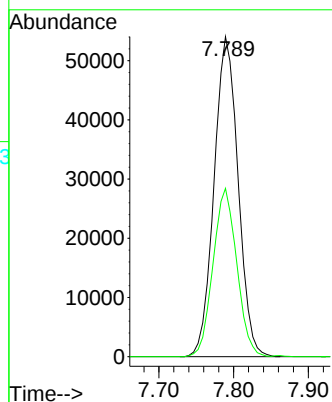


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-2430-01

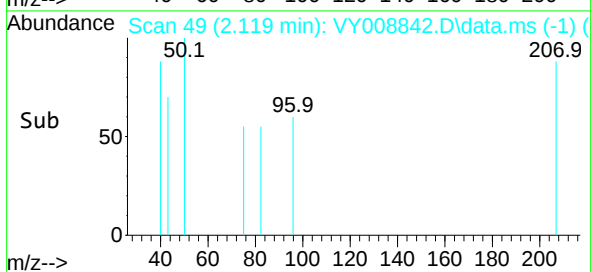
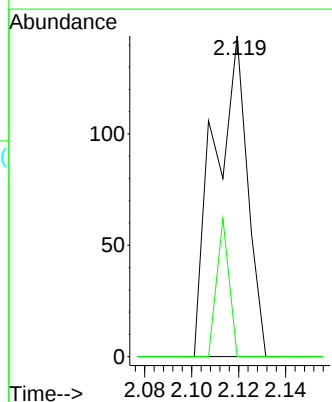
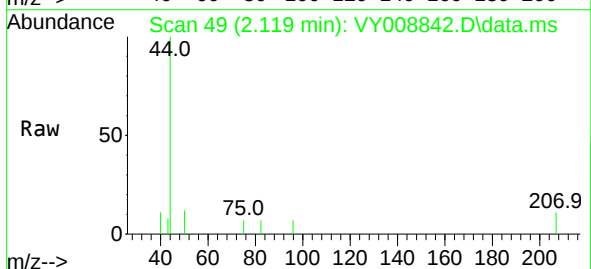


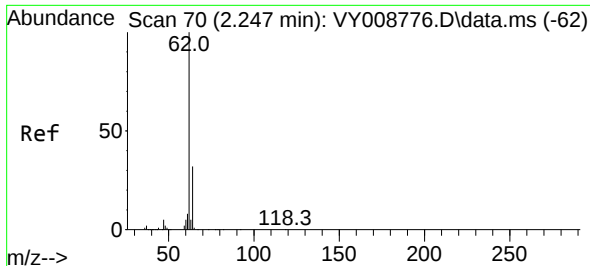
Tgt Ion:168 Resp: 120832
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion: 50 Resp: 141
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

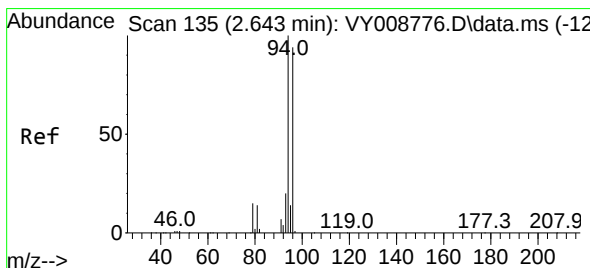
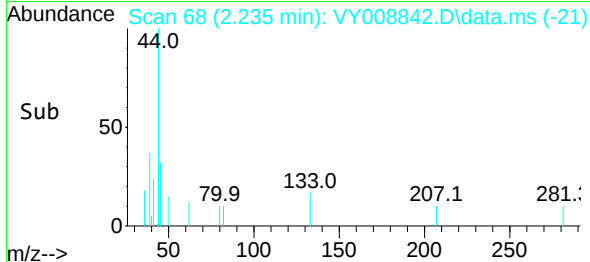
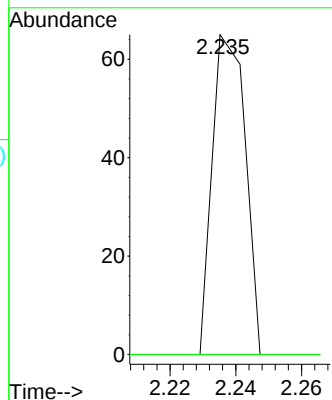
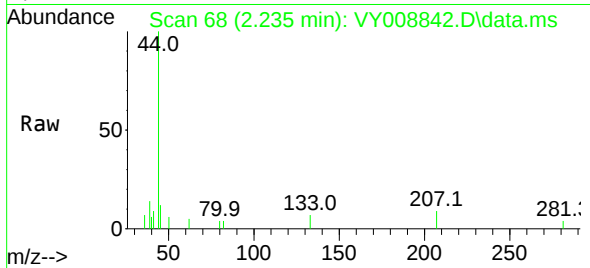




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.235 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY008842.D
 Acq: 19 May 2022 02:58

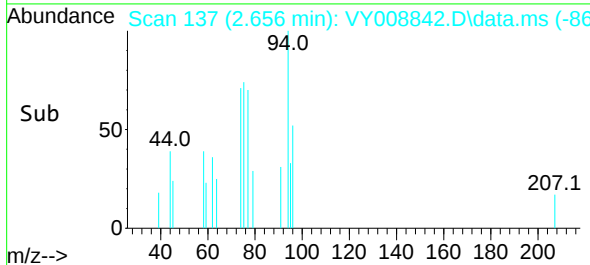
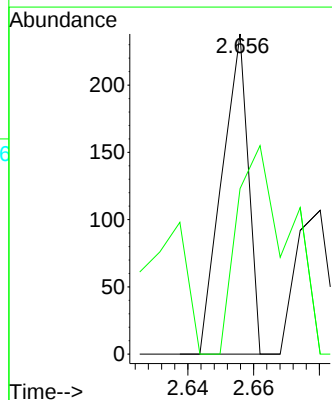
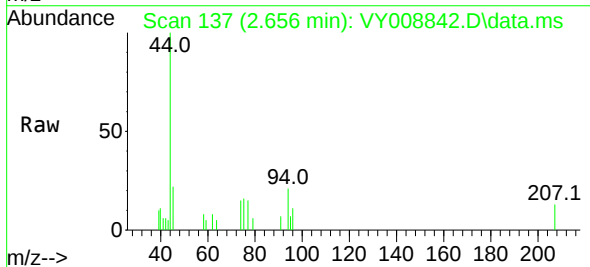
Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-2430-01

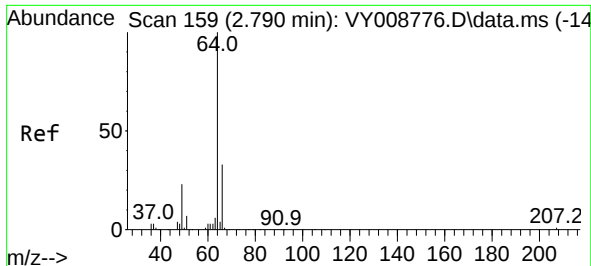
Tgt Ion: 62 Resp: 45
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.656 min Scan# 137
 Delta R.T. 0.013 min
 Lab File: VY008842.D
 Acq: 19 May 2022 02:58

Tgt Ion: 94 Resp: 132
 Ion Ratio Lower Upper
 94 100
 96 21.4 73.5 110.3#

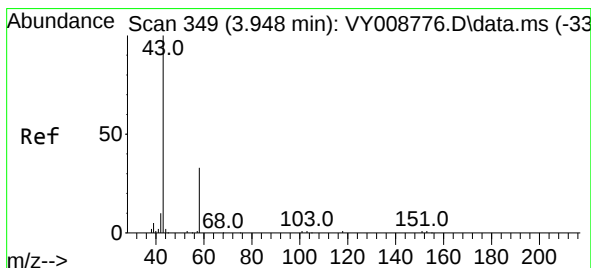
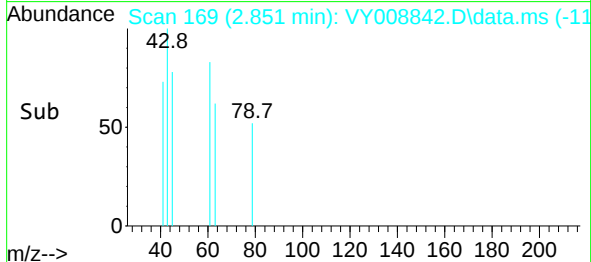
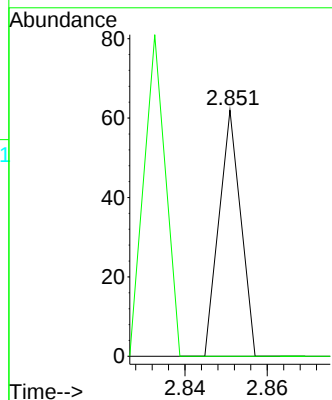
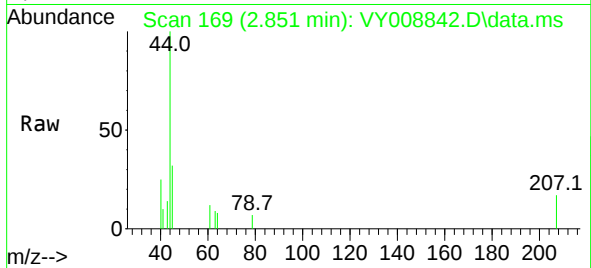




#6
Chloroethane
Concen: Below Cal
RT: 2.851 min Scan# 11
Delta R.T. 0.061 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

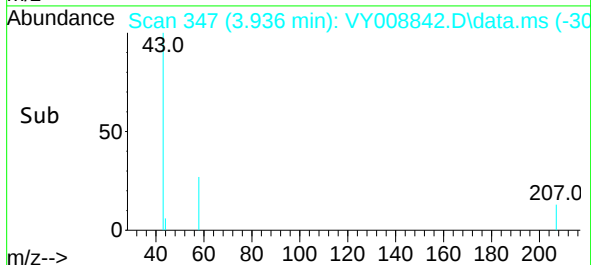
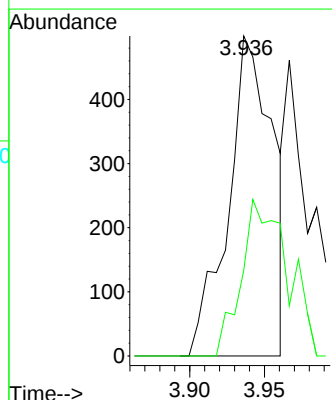
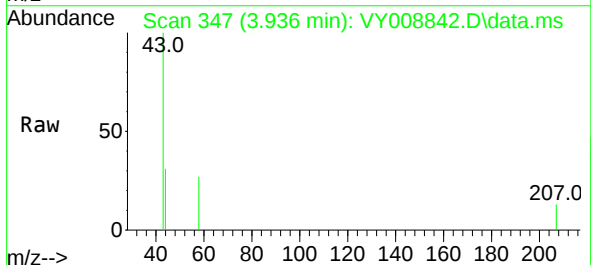
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-2430-01

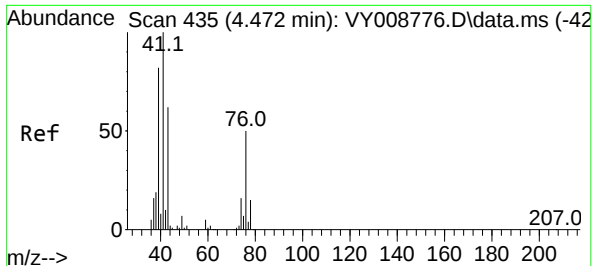
Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: Below Cal
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0

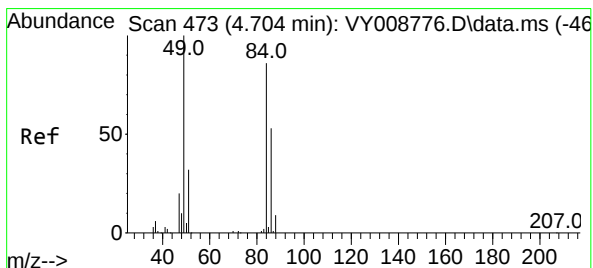
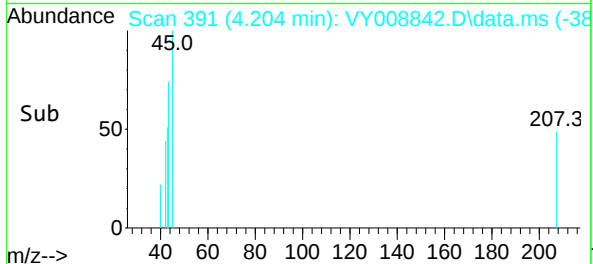
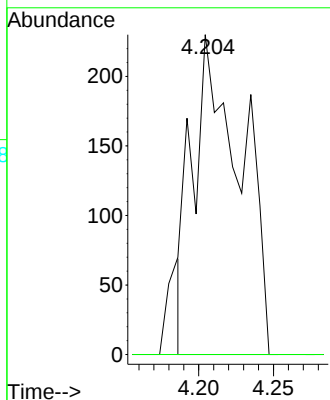
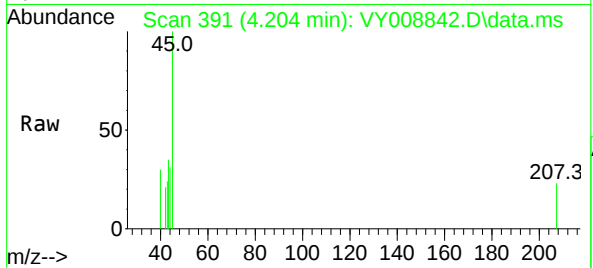




#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.268 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

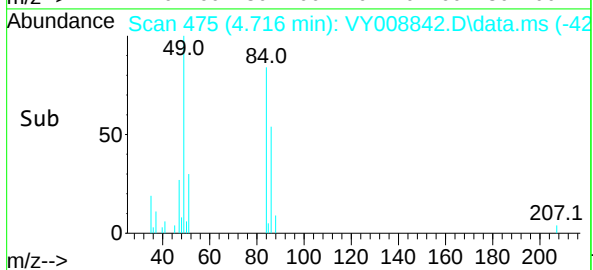
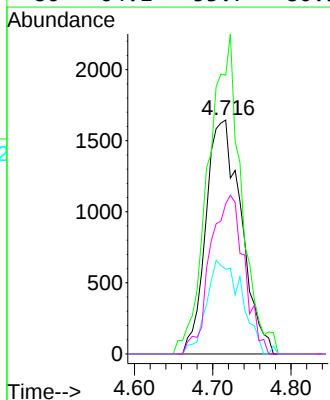
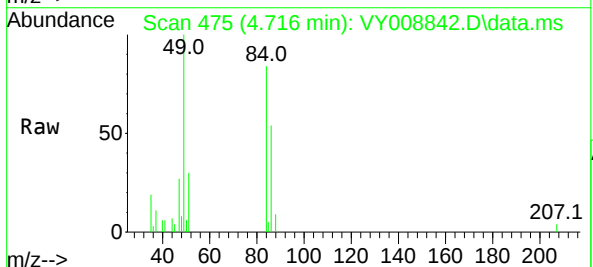
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-2430-01

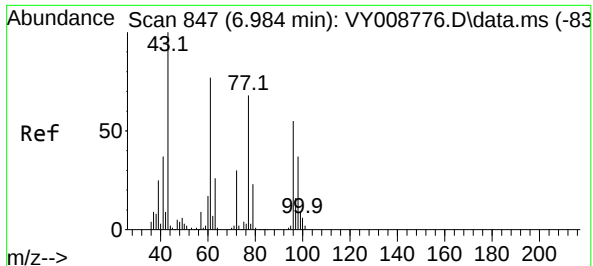
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion: 84 Resp: 5146
Ion Ratio Lower Upper
84 100
49 119.3 114.4 171.6
51 36.2 35.3 52.9
86 64.1 53.7 80.5

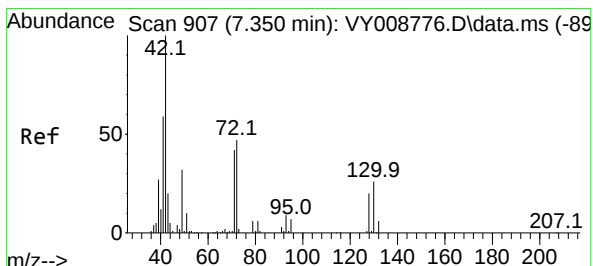
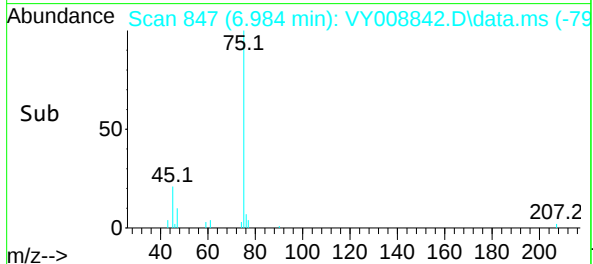
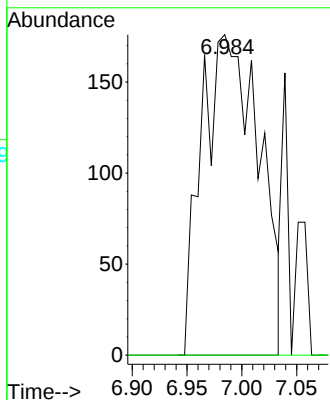
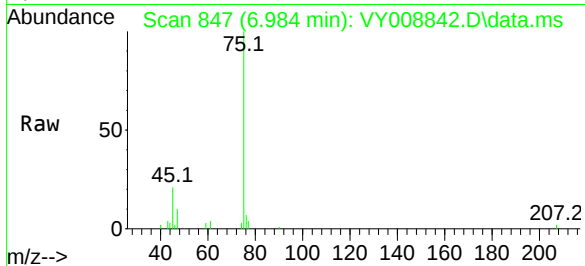




#25
2-Butanone
Concen: 1.365 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

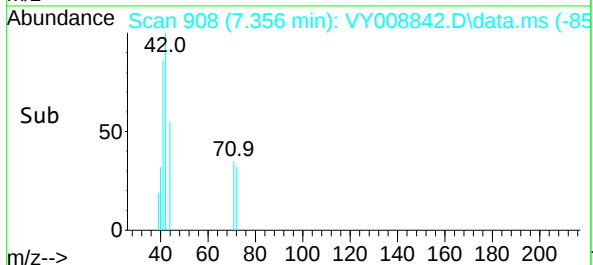
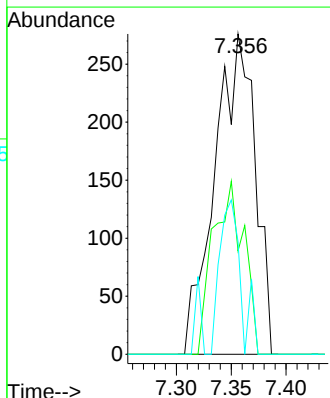
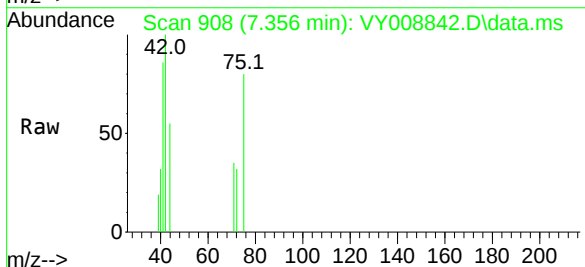
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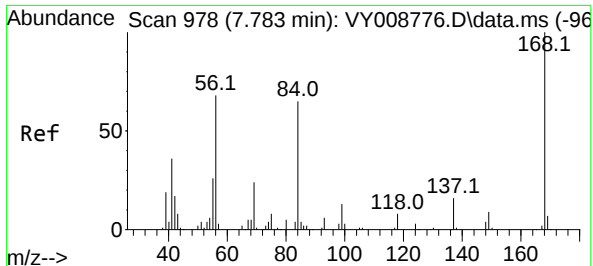
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 2.259 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion: 42 Resp: 708
Ion Ratio Lower Upper
42 100
72 41.1 30.3 45.5
71 25.4 29.0 43.4#

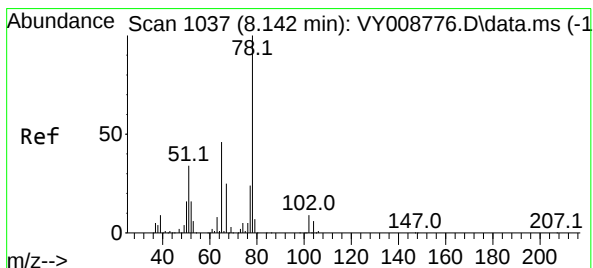
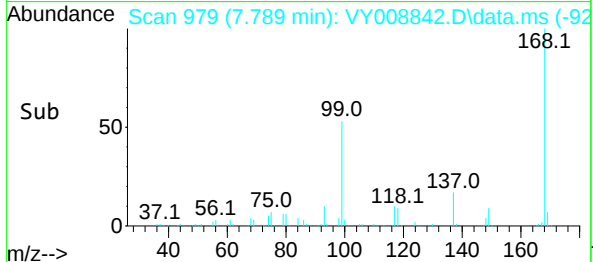
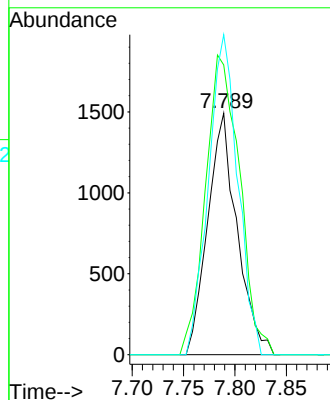
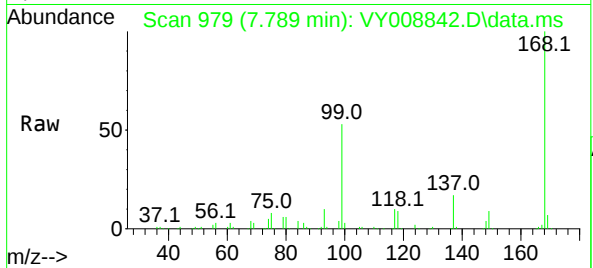




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

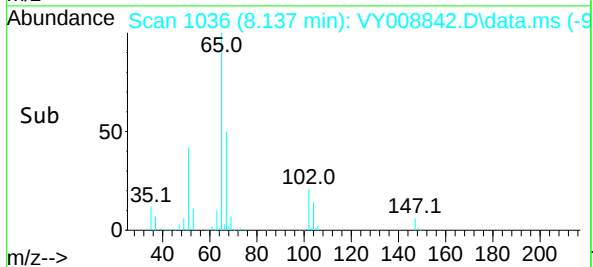
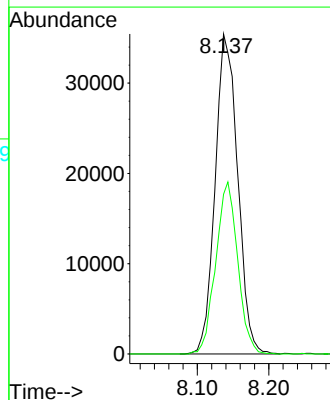
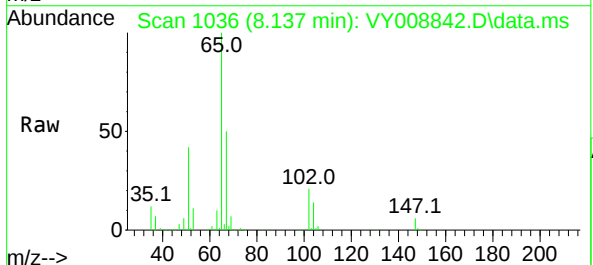
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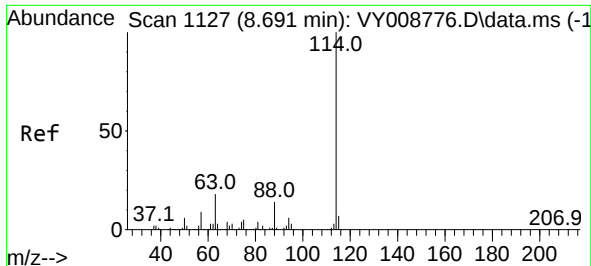
Tgt Ion: 56 Resp: 2973
Ion Ratio Lower Upper
56 100
69 120.0 26.7 40.1#
84 132.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.121 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion: 65 Resp: 77482
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

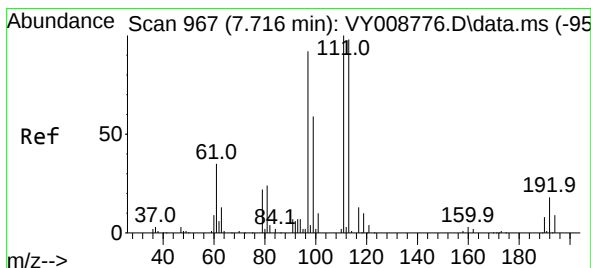
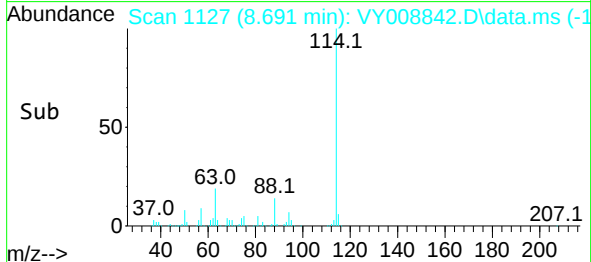
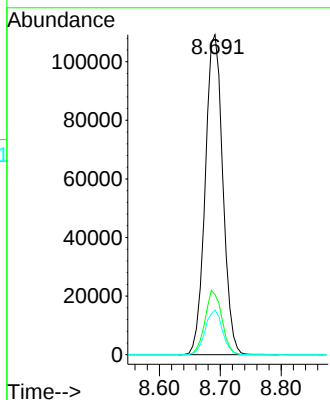
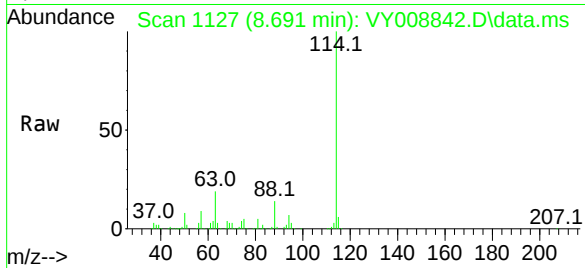




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

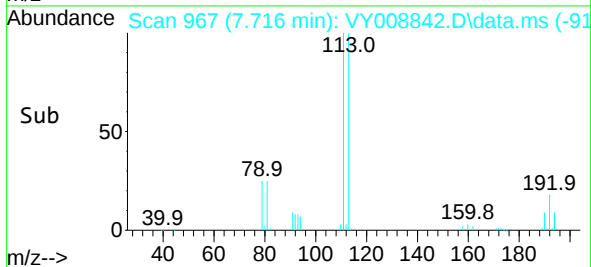
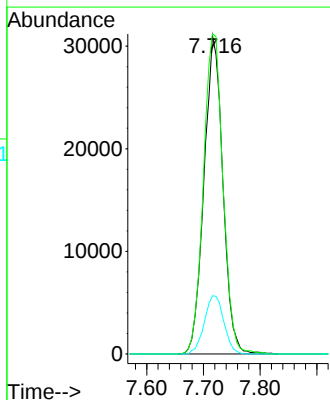
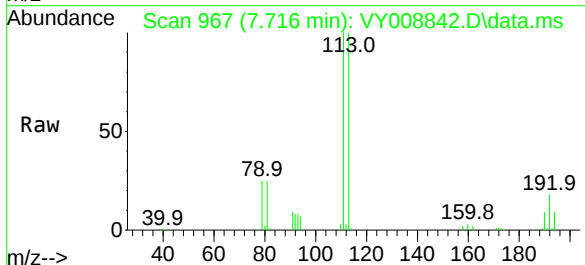
Instrument :
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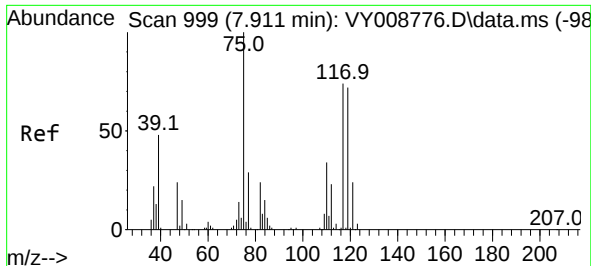
Tgt Ion:	114	Resp:	218677
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	43.2
88	13.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.073 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion:	113	Resp:	71643
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.6	124.0
192	18.9	17.6	26.4

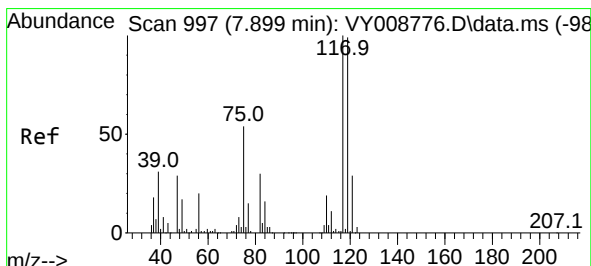
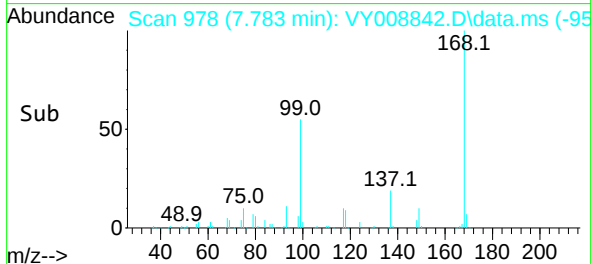
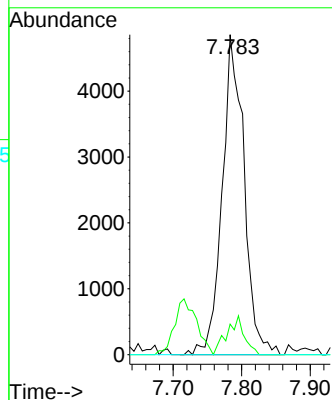
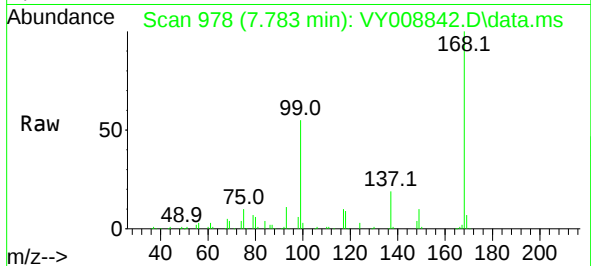




#36
1,1-Dichloropropene
Concen: 5.258 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

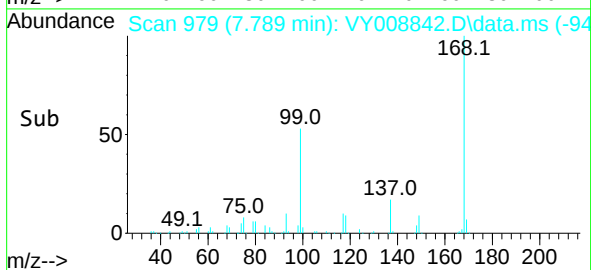
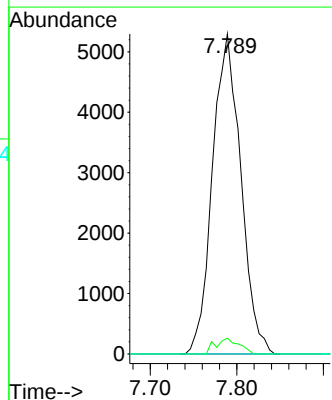
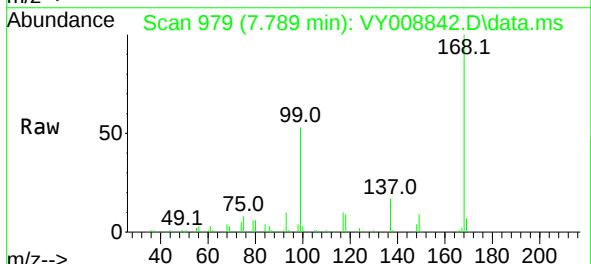
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-2430-01

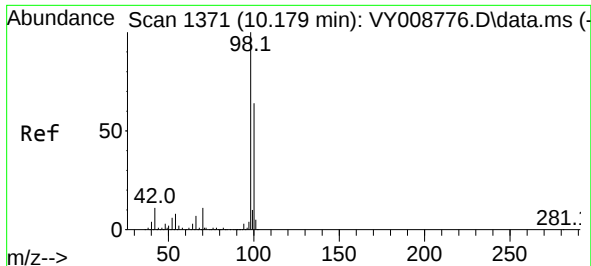
Tgt Ion: 75 Resp: 10759
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion: 117 Resp: 12018
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#

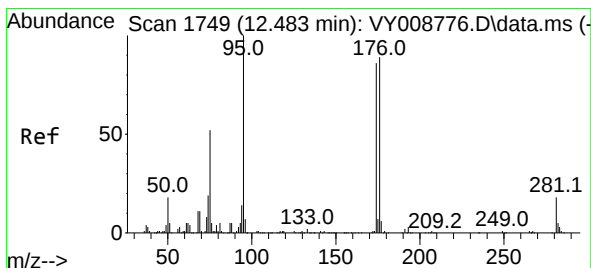
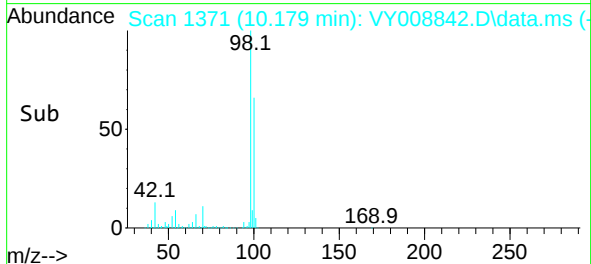
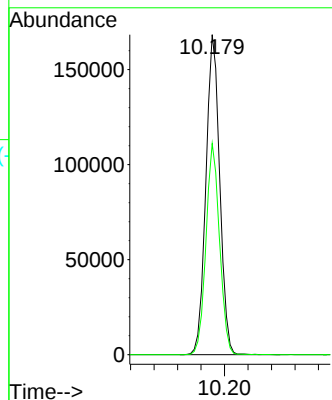
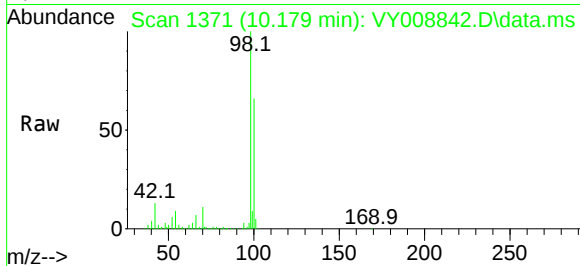




#50
Toluene-d8
Concen: 48.599 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

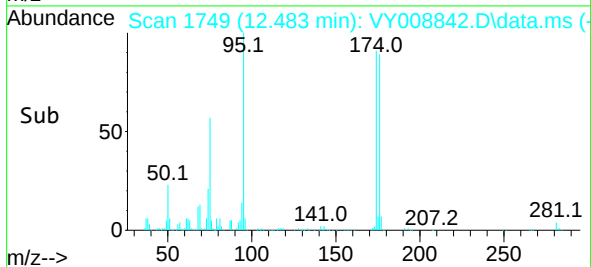
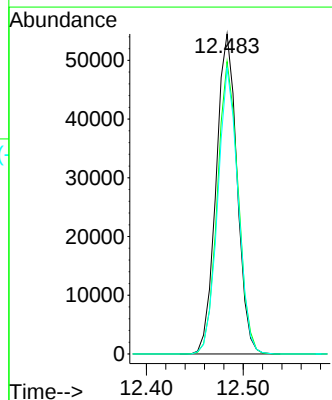
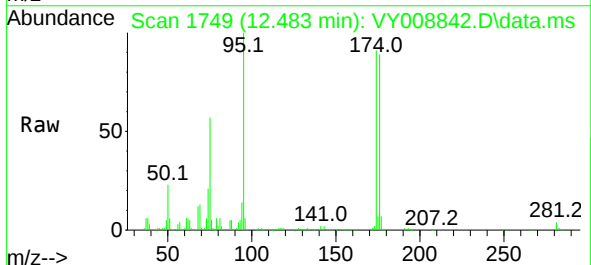
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-2430-01

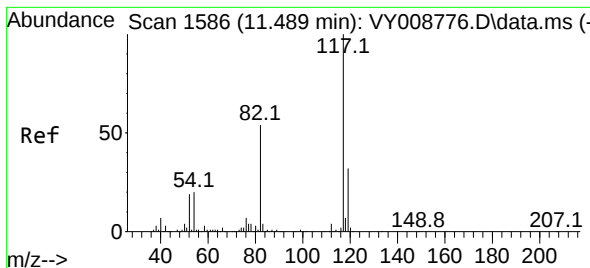
Tgt Ion: 98 Resp: 275470
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion: 95 Resp: 81795
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 86.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008842.D

Acq: 19 May 2022 02:58

Instrument :

MSVOA_Y

ClientSampleId :

P031-SS001-2430-01

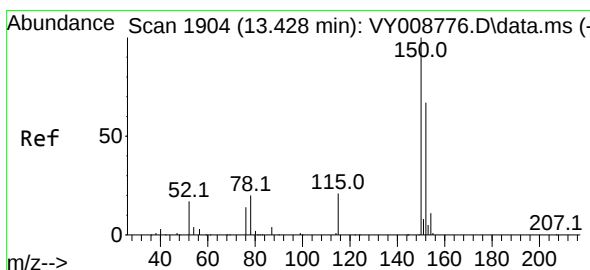
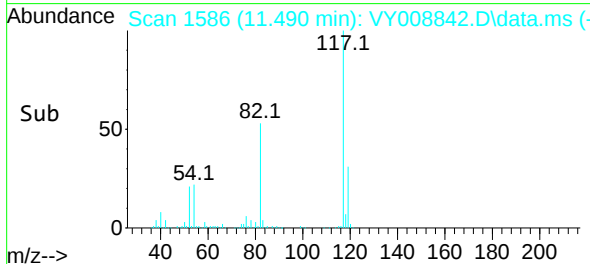
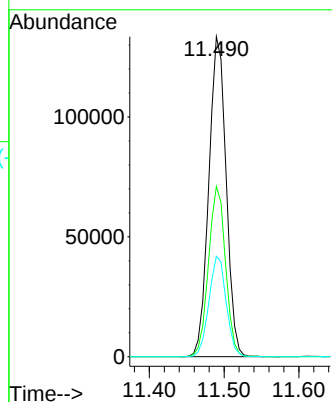
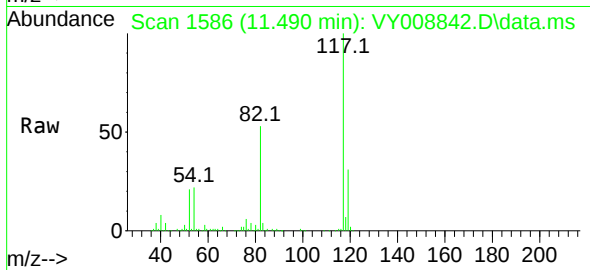
Tgt Ion:117 Resp: 214363

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 31.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008842.D

Acq: 19 May 2022 02:58

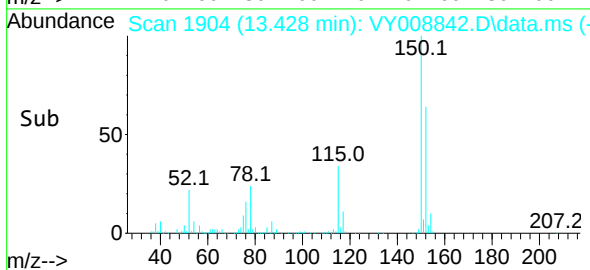
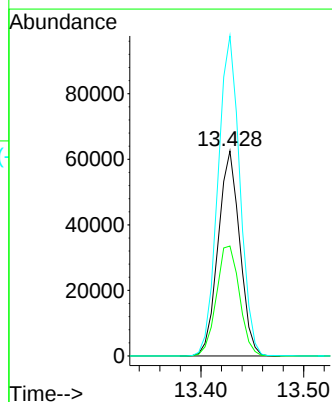
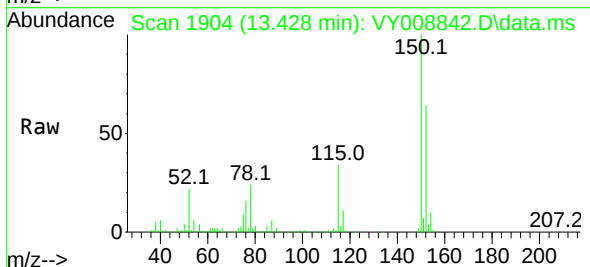
Tgt Ion:152 Resp: 91386

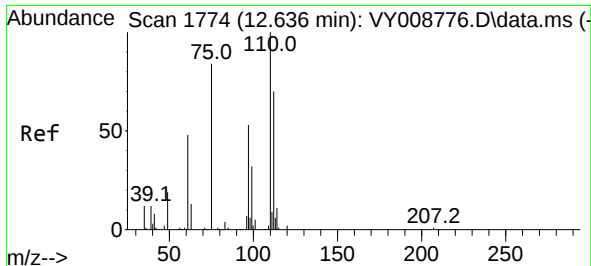
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 158.3 0.0 347.6

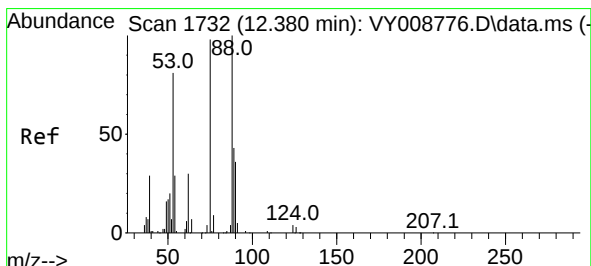
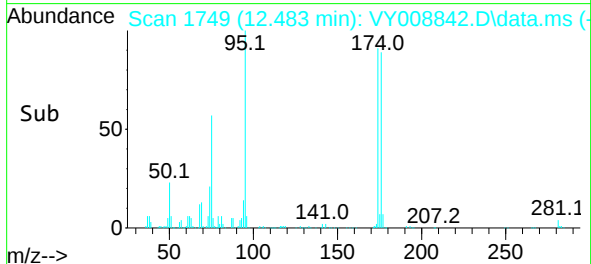
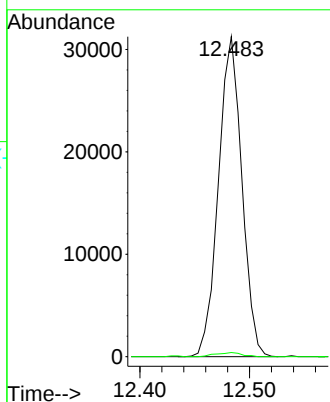
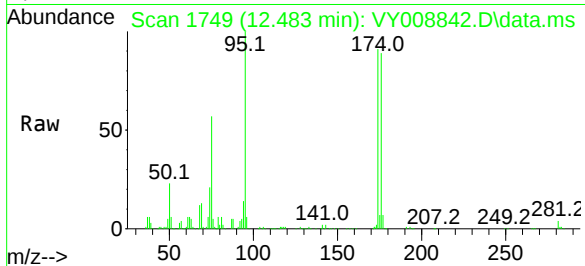




#76
1,2,3-Trichloropropane
Concen: 44.037 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-2430-01

Tgt Ion: 75 Resp: 46487
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.321 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008842.D
Acq: 19 May 2022 02:58

Tgt Ion: 75 Resp: 46487
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

